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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/575,486	04/12/2006	Hirofumi Moriya	288345US3PCT	3421
22850	7590	05/02/2008		
OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER PUROL, DAVID M	
			ART UNIT 3634	PAPER NUMBER
			NOTIFICATION DATE 05/02/2008	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 10/575,486	<b>Applicant(s)</b> MORIYA ET AL.	
	<b>Examiner</b> David M. Purol	<b>Art Unit</b> 3634	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12 April 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 April 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>04122006</u> .  | 6) <input type="checkbox"/> Other: _____                          |

1. The preliminary amendment filed on April 12, 2006 has been entered.

2. The disclosure is objected to because of the following informalities:

On page 14, line 19 recites "ff" which is misspelled term;

On page 16, line 24 recites "lee" which is misspelled term.

Appropriate correction is required.

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-8 are rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph.

These claims are replete with indefinite language for which its intended meaning is not understood, grammatical and/or idiomatic errors, and narrative in form setting forth functional or operational language for which there is insufficient structural recitation to warrant its presence. For example: claim 1, line 1 "configured to be free for", line 2 "in a style of an accordion", line 2 "by means of" which is a means clause devoid of a statement of function, line 3 "at numbers of", line 4 "constructed to be free for", line 8 "whose one end is", lines 8-9 "is horizontally inserted into", line 9 "is drooped in", line 9 "via a guide member provided", line 10 "dangled at a tip end", lines 13-14 "to be a rising uppermost limit", line 15 "stretching force", line 16 "by means of adjusting force of repulsion", line 17 "by means of" which is a means clause devoid of a statement of function, line 18 "is installed in"; claim 2, line 4 "at a slid position", line 5 "is constructed to", line 6 "by means of" which is a means clause devoid of a statement of function, line 7 "in a condition wherein", lines 7-8 "folded back after passing through", line 8 "is united

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and fixed”, line 8 “or in a condition”, line 9 “is further folded back”, line 9 “returned again to the”, line 10 “united and fixed”; claim 3, line 5 “formed by penetrating the guide part”, line 6 “be inserted through”, line 6 “and/or uniting and fixing”, line 9 “and/or for uniting and fixing”, line 11 “is screwed”; claim 4, line 3 “being inwardly protruding at a pair of groove side walls, lines 5-6 “means of sandwiching”, lines 6-7 “fixing screw is screwed through” which further is a double recitation of claim 3 at line 10 which has previously set forth the fixing screw; claim 5, line 3 “in a manner so as to”, line 4 “formed at least in the”; claim 6, line 2 “is installed in the”, line 3 “where the screen is not fixed”, line 4 “by means of being”, line 5 “formed in the”, line 6 “by means of raising operation”, line 7 “while resisting force of gravity; claim 7, lines 2-3 “in an above and below direction within a definite range in”, line 5 “by its own weight”; claim 8, lines 3-4 “at a position wherein the latching mechanism is installed”, line 5 “a sliding groove” wherein it is not clear if this is the same sliding groove as referenced in claim 3 at line 2, line 7 “a receiving hole” which is a double recitation of claim 6 at line 4.

Claim 8 is further indefinite for it recites the latching mechanism as comprising a pair of side walls, a notched portion, a connecting wall, and a sliding groove, wherein, it is the vertical frame member which comprises these elements and not the latching mechanism.

The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP 2002-371776 in view of JP 30587007. JP 2002-371776 discloses a sliding screen door 22 having an end secured to a vertical frame member 21a and the other end attached to an operating doorframe 23, wires 24,-d, a counter weight 26, a spring member 29. While JP 2002-371776 does not disclose the use of a wire adjusting mechanism, JP 30587007 discloses a sliding screen door which employs the use of a wire adjusting mechanism 1,5,7,11,9,3,15, wherein, to incorporate this teaching into the sliding screen door of JP 2002-371776 for the purpose of accommodating openings of various widths would have been obvious to one of ordinary skill in the art.

5. Claims 5-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP 2002-371776 in view of JP 30587007 as applied to claims 1-4 above, and further in view of JP 2002-357068. While JP 2002-371776 does not disclose the use of a latching mechanism including a receiving hole, JP 2002-357068 discloses a sliding door comprising a latching mechanism including a receiving hole 15,13a, wherein, to incorporate this teaching into the sliding door of JP 2002-371776, as modified by JP 30587007, for its explicit of securing the sliding door would have been obvious to one of ordinary skill in the art.

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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7. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to David M. Purol whose telephone number is (571) 272-6833.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Katherine Mitchell, can be reached at (571) 272-7069. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/David M Purol/  
**David M Purol**  
**Primary Examiner**  
**Art Unit 3634**

/D. M. P./  
(571) 272-6833  
April 25, 2008